

AMENDMENTS TO THE SPECIFICATION:

Please add the following heading on page 1, after the title, as follows:

BACKGROUND OF THE INVENTION

Please add the following heading on page 2 before paragraph [0004], as follows:

SUMMARY OF THE INVENTION

Please replace paragraph [0005] on page 2 with the following amended paragraph:

~~This object is solved, according to the invention, with the features of claim 1.~~
Accordingly, according to the invention, the first high vacuum pump is connected to the inlet of the leak detector directly and without any valve. A second valve - apart from the first valve included in the bypass - is provided between the exit side of the first high vacuum pump and the primary pump.

Please replace paragraph [0009] on page 3 with the following amended paragraph:

Hereinafter, an embodiment of the invention is explained in detail with reference to the ~~only figure of the~~ attached drawing.

Please add the following heading on page 3 before paragraph [0010], as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

Please replace paragraph [0010] on page 3 with the following amended paragraph:

[[A]] Fig. 1 depicts a basic circuit diagram of the leak detector ~~is illustrated in the drawing according to the present invention.~~

Please add the following heading on page 3 before paragraph [0011], as follows:

DETAILED DESCRIPTION